

Amendments to the Claims:

1. (Currently Amended) A wireless ~~handheld~~ device, comprising:
~~a processor; and,~~
a memory, ~~coupled to the processor,~~ capable to store a software component for simultaneously attaching a short distance wireless network to a wide area network having a first address providing a first service and a second address providing a second service; and-
a processor, coupled to the memory, capable of allowing a plurality of terminal devices to connect to the short distance wireless network, by way of the device, to concurrently obtain the first service and the second service from the wide area network,
wherein the short distance wireless network is capable of being simultaneously attached to the wide area network, by way of the device, using the first address and the second address.
2. (Original) The device of claim 1, wherein the first and second addresses identify a domain providing respective predetermined privileges.
3. (Original) The device of claim 1, wherein the first and second addresses are access point names ("APNs").
4. (Original) The device of claim 1, wherein the first and second addresses include a first and second port number.
5. (Original) The device of claim 1, wherein the first service provides a wireless application protocol ("WAP")
6. (Original) The device of claim 1, wherein the first service provides access to the Internet.
7. (Original) The device of claim 1, wherein the first service provides a hypertext transfer ("HTTP") protocol.

8. (Original) The device of claim 1, wherein the first service is a multimedia messaging Service Center ("MMSC").

9. (Original) The device of claim 1, wherein the selectively attaching includes establishing a dial-up network session.

10. (Original) The device of claim 1, wherein the selectively attaching includes establishing a short-range LAN access profile session.

11. (Original) The device of claim 1, wherein the software component selectively attaches response to a first terminal in the short distance wireless network communicating with the device.

12. (Original) The device of claim 11, wherein the communicating includes the terminal transmitting an IP message including a port number.

13. (Original) The device of claim 1, wherein the wide area network is a Global System for Mobile communications ("GSM") cellular network.

14. (Original) The device of claim 1, wherein the short distance wireless network is a BluetoothTM wireless local area network.

15. (Original) The device of claim 1, wherein the device further includes a short-range LAN Access profile software component.

16. (Original) The device of claim 3, wherein the software component further includes a table of available APNs.

17. (Currently Amended) A method for communicating with a ~~cellular~~ wide area network, comprising ~~the steps of:~~

generating a first short-range radio message including a first ~~IP~~-address and a first port number for the ~~cellular~~-wide area network, by a first terminal, in a short distance wireless network;

receiving, by ~~a way of the~~ wireless device, the first short-range radio message;

determining whether the device is attached to the first port number;

generating a ~~cellular~~-signal, by way of the device, requesting a first service from the ~~cellular~~-wide area network responsive to the first short-range radio message;

generating a second short-range radio message including a second ~~IP~~-address and a second port number for the ~~cellular~~-wide area network, by a second terminal, in a short distance wireless network;

receiving, by ~~a way of the~~ device, the second short-range radio message;

determining whether the device is attached to the second port number; ~~and,~~

generating a ~~cellular~~-signal, by way of the device, requesting a second service from the ~~cellular~~-wide area network responsive to the second short-range radio message; ~~and-~~

allowing a plurality of terminal devices to connect to the short distance wireless network, by way of the device, to concurrently obtain the first service and the second service from the wide area network,

wherein the short distance wireless network is capable of being simultaneously attached to the wide area network, by way of the device, using the first address and the second address.

18. (Currently Amended) The method of claim 17, wherein the first terminal is a messaging terminal and the device is a cellular telephone.

19. (Currently Amended) The method of claim ~~14~~17, wherein the ~~cellular~~-wide area network is a Global System for Mobile communications ("GSM") cellular network and the first service is a WAP service and the second service is Internet access.

20. (Currently Amended) The method of claim ~~14~~17, wherein the short distance wireless network is a BluetoothTM wireless local area network.

21. (Currently Amended) The method of claim ~~14~~17, wherein the short distance wireless network is an 802.11 wireless local area network.

22. (Currently Amended) A method for communicating with a ~~cellular~~wide area network, comprising ~~the steps of~~:

receiving, by way of a wireless device, a plurality of short-range radio messages, from a respective plurality of terminals, in a short distance wireless network for a plurality of respective services in the ~~cellular~~wide area network; and,

attaching simultaneously to the respective services, by way of the device, responsive to the plurality of requests.

23. (Currently Amended) An system for providing communication between a ~~cellular~~wide area network and a short distance wireless network, comprising:

a first wireless device comprising ~~hand-held wireless device, including~~:

a ~~cellular~~first transceiver to communicate with the ~~cellular~~wide area network;

a second ~~short-range~~ transceiver to communicate with the ~~short-range~~ ~~radio~~short distance wireless network, including to receive a first short-range radio message having a first APN-address and a second short-range radio message having a second APN-address; and

a memory, coupled to the ~~cellular~~first and ~~second~~short-range radio transceivers, to store a software component to simultaneously transfer a plurality of packets to the first APN-address and the second APN-address responsive to the first and second short-range radio messages; and,

a ~~first~~second wireless device to generate the first and second short-range radio messages.

24. (Original) The system of claim 23, wherein the first wireless device is selected from a group consisting of a desktop computer, a laptop computer, a personal digital assistant, a headset, a pager, a pen, a printer, a watch, a digital camera and an equivalent.

25. (Currently Amended) An article of manufacture, including a computer readable medium, comprising:

a first short-range radio software component to provide a short-range radio signal in a short distance wireless network;

a second ~~cellular~~ software component to provide a communication signal in a ~~cellular~~ wide area network; and,

a third software component to simultaneously transfer a plurality of packets between the short distance wireless network and the wide area network, by way of a device, between the a first APN and a second APN in the cellular network and the short distance wireless network responsive to a first short-range radio message including a first ~~IP~~ address and first port number and a second short-range radio message including a second ~~IP~~ address and a second port number.